

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A chuck for equipping a rotary machine comprising a body intended to be fixed to a drive shaft of the machine, in which there are mounted several jaws which slide in bores converging forward and which each have an outwardly facing threaded part, a sleeve being pivotably mounted on the body and having an interior wall which collaborates with a nut, wherein the nut is itself engaged with the threaded exterior part of the jaws, wherein the body comprises, in its region covered by the nut, a peripheral set of teeth and the nut bears has a locking mechanism fixed thereon which is intended to engage in the set of teeth of the body when the chuck is in the tightened position, and intended to be activated by the sleeve wherein the interior wall of the sleeve is in contact with the locking mechanism such that the sleeve collaborates with the nut via the locking mechanism, and wherein the sleeve has an angular relative movement with respect to the locking mechanism between an unlocked position in which the sleeve turns the nut via the locking mechanism and a locked position in which the chuck is in its tightened position.

2. (Currently Amended) A-The chuck as claimed in claim 1, wherein the locking mechanism comprises at least one first spring leaf which is mounted angularly fixedly on the nut and which has a free end projecting through an opening made in the nut so that when the chuck is in the tightened position it reaches the set of teeth of the body.

3. (Currently Amended) A-The chuck as claimed in claim 2, wherein the locking mechanism comprises at least one second spring leaf which has a free end equipped with a relief which collaborates, in the unlocked and locked positions of the sleeve respectively, with a first depression and with a second depression which are formed in the sleeve.

4. (Currently Amended) A-The chuck as claimed in claim 3, wherein the first and second spring leaves are secured to a ring borne by the nut and prevented from rotating on this nut by means of at least two tabs which enter complementary parts formed in the nut.

5. (Previously Presented) The chuck as claimed in claim 2, wherein the sleeve comprises at least one hollowed-out part in which the free end of the first spring leaf is housed, when the sleeve is in the unlocked position, so as to disengage this free end from the set of teeth of the body.

6. (Previously Presented) The chuck as claimed in claim 2, wherein the sleeve comprises at least two fingers which collaborate with at least two notches formed on the nut, the notches being centered on the axis of the chuck and being longer than the fingers of the sleeve, this length being considered in the direction of the circular arc over which these notches extend.

7. (Original) The chuck as claimed in claim 6, wherein the difference in length between the notches of the nut and the fingers of the sleeve is tailored so that when the sleeve is in the unlocked position, the fingers are in abutment against one of the faces of the notches and the relief of the second spring leaf is in the first depression, and so that when the sleeve is in the locked position the fingers are in abutment against the other of the faces of the notches and the relief of the second spring leaf is in the second depression.

8. (Previously Presented) The chuck as claimed in claim 4, wherein the tabs of the ring extend radially and the complementary parts formed in the nut comprise at least two notches.

9. (Previously Presented) The chuck as claimed in claim 4, wherein the tabs of the ring each comprise a base extending transversely with respect to the plane of the ring and two bends which extend from the base and more or less toward the outside of the ring, the

bases and the bends nesting elastically in the notches of the nut into which notches the fingers of the sleeve penetrate.

10. (Previously Presented) The chuck as claimed in claim 3, wherein the sleeve comprises at least one hollowed-out part in which the free end of the first spring leaf is housed, when the sleeve is in the unlocked position, so as to disengage this free end from the set of teeth of the body.

11. (Previously Presented) The chuck as claimed in claim 4, wherein the sleeve comprises at least one hollowed-out part in which the free end of the first spring leaf is housed, when the sleeve is in the unlocked position, so as to disengage this free end from the set of teeth of the body.

12. (Previously Presented) The chuck as claimed in claim 3, wherein the sleeve comprises at least two fingers which collaborate with at least two notches formed on the nut, the notches being centered on the axis of the chuck and being longer than the fingers of the sleeve, this length being considered in the direction of the circular arc over which these notches extend.

13. (Previously Presented) The chuck as claimed in claim 4, wherein the sleeve comprises at least two fingers which collaborate with at least two notches formed on the nut, the notches being centered on the axis of the chuck and being longer than the fingers of the sleeve, this length being considered in the direction of the circular arc over which these notches extend.

14. (Previously Presented) The chuck as claimed in claim 5, wherein the sleeve comprises at least two fingers which collaborate with at least two notches formed on the nut, the notches being centered on the axis of the chuck and being longer than the fingers of the sleeve, this length being considered in the direction of the circular arc over which these notches extend.

15. (Previously Presented) The chuck as claimed in claim 5, wherein tabs of the ring extend radially and the complementary parts formed in the nut comprise at least two notches.

16. (Previously Presented) The chuck as claimed in claim 6, wherein tabs of the ring extend radially and the complementary parts formed in the nut comprise at least two notches.

17. (Previously Presented) The chuck as claimed in claim 7, wherein tabs of the ring extend radially and the complementary parts formed in the nut comprise at least two notches.

18. (Previously Presented) The chuck as claimed in claim 5, wherein tabs of the ring each comprise a base extending transversely with respect to the plane of the ring and two bends which extend from the base and more or less toward the outside of the ring, the bases and the bends nesting elastically in the notches of the nut into which notches the fingers of the sleeve penetrate.

19. (Previously Presented) The chuck as claimed in claim 6, wherein tabs of the ring each comprise a base extending transversely with respect to the plane of the ring and two bends which extend from the base and more or less toward the outside of the ring, the bases and the bends nesting elastically in the notches of the nut into which notches the fingers of the sleeve penetrate.

20. (Previously Presented) The chuck as claimed in claim 7, wherein tabs of the ring each comprise a base extending transversely with respect to the plane of the ring and two bends which extend from the base and more or less toward the outside of the ring, the bases and the bends nesting elastically in the notches of the nut into which notches the fingers of the sleeve penetrate.